Title (en)

ELECTRICAL CONNECTOR ASSEMBLY AND A METHOD FOR REDUCING CROSS-TALK

Title (de)

ASSEMBLAGE DE CONNECTEURS ÉLECTRIQUES ET MÉTHODE POUR RÉDUIRE LA DIAPHONIE

Title (fr)

ELEKTRISCHE VERBINDERANORDNUNG UND VERFAHREN ZUR REDUZIERUNG DES ÜBERSPRECHENS

Publication

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Application

EP 16774463 A 20160909

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Abstract (en)

[origin: WO2017042373A1] There is disclosed a contact arrangement (1) having a first contact element pair (10) for contacting a first pair (110) of signal lines (100) in a first connector (101) and having a second contact element pair (20) for contacting a second pair (120) of signal lines (100) in a second connector (102), wherein a second contact element (12) of the first contact element pair (10) and a first contact element (21) of the second contact element pair (20) are adjacent, wherein a first contact element (11) of the first contact element pair (10) is connected to the first contact element (21) of the second contact element pair (20) via an electrical arrangement (210) and the capacitance (Cy-1) of the electrical arrangement (210) corresponds to the capacitance (Cx-1) between the second contact element (12) of the first contact element pair (10) and the first contact element (21) of the second contact element pair (20). There is further disclosed a corresponding method. Cross-talk is minimised with such a solution.

IPC 8 full level

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